Classic S124^{ISDN}

User Manual

swisscom fixnet

The handset at a glance

Talk/directory key:
Top half:
- Answer a call
- Initiate dialling
- Switch from handsfree to "earpiece" mode

Bottom half:
- Open directory

Handsfree key:
- Switch from "earpiece" to handsfree mode
- Lights up: handsfree is activated
- Flashes: incoming call

Message key
Access to calls list

Key 1
Fixnetbox*
(long press)

Star key
- Ringer on/off (long press)
- When texting: toggles between upper/lower case and digits

Charge status
flat fully charged
flashes: battery is almost flat or is charging

Current functions and display keys
The display keys give you access to the functions shown in the display.

End call and On/Off key
- End call
- Cancel function
- Return to idle state (hold down)
- Handset on/off (in idle status, hold down)

Hash key
Keypad lock on/off
(long press)

Swisscom key
for spec. Phonebook
to open: press briefly

Microphone

Recall key
Initiate enquiry call

* Access number must be programmed.

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Safety precautions ⚠

Only use **the power supply unit supplied**, as indicated on the underside of the device.

Fit only the **recommended rechargeable batteries (page 56)** and batteries of the same type! Use no other types of batteries or non-rechargeable batteries, as they could damage health and cause personal injury.

Ensure correct polarity when fitting rechargeable batteries, and use the battery type according to these instructions (you will see polarity symbols in the handset's battery compartments).

The operation of medical appliances may be affected. Be aware of the technical conditions within the particular environment (e.g. doctor's practice).

The handset may cause an intrusive 'hum' in hearing aids.

Do not install the base in bathrooms or shower rooms (page 52). The handset and base are not watertight.

Drivers must not use their phones while driving (Walk and Talk function).

Switch off your phone while on board an aircraft (Walk and Talk function). Ensure that it cannot be switched on again accidentally.

Do not use the phone in environments subject to explosion hazard (e.g. auto paint shops).

Ensure that your Gigaset is accompanied by these instructions when you give it to others to use.

Dispose of the batteries and phone in accordance with environmental regulations.

i	◆ Not all of the functions described in these instructions are available in all countries. ◆ This phone does not support SMS (short message service). ◆ The standard handset included does not support the "Babyphon" function although this function is listed in the handset menu.

Preparing to use your phone

Pack contents

The pack contains:

- one base station,
- one handset,
- one power supply unit with power cord,
- one ISDN connection cable,
- one battery compartment cover for the handset,
- two batteries,
- one set of operating instructions (three languages: German, French, Italian)
- one belt clip for the handset.

Installing the base

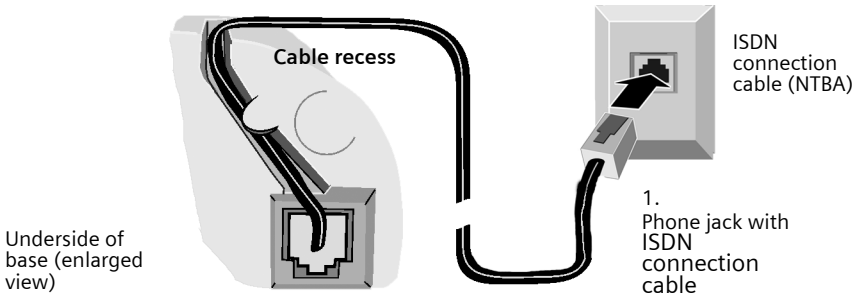
Hints on installing

The base is designed to be operated in enclosed, dry areas at temperatures ranging from +5 °C to +45 °C. Install the base at a central location in your home, e.g., in the hall.

	◆ Never expose the telephone to heat sources, direct sunlight or other electrical appliances. ◆ Protect your Gigaset from moisture, dust, corrosive liquids and vapours.

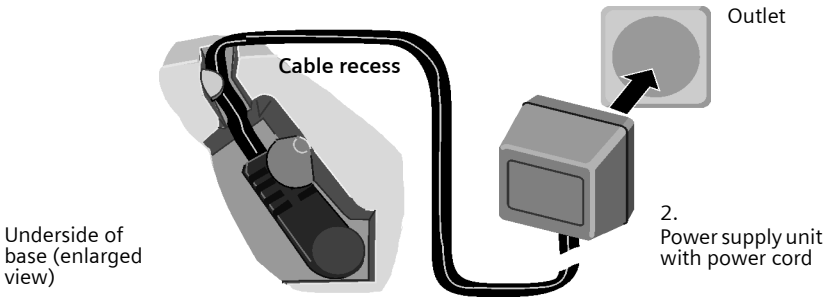
Preparing to use your phone

Connecting the base station



1.

- Plug one of the ISDN cable jacks into the socket in the base (it clips into place).
- Position cable in the cable recess.
- Insert the second ISDN cable jack into the NTBA (ISDN connection).



2.

- Insert the small jack on the power cord into the socket on the underside of the base.
- Position cable in the cable recess.
- Plug the power supply unit into your power outlet.

i	Keep the power supply unit **plugged in at all times** to ensure your phone is ready for use whenever you need it. Neither the base nor the registered handsets will operate in the event of a power failure. However, all the settings and stored information (messages, directory entries etc.) are retained indefinitely.

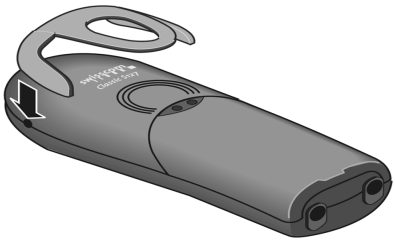
Preparing to use the handset

Removing protective film

The display is protected by a plastic film.
Please remove protective film!

Inserting the batteries

- Insert the batteries **ensuring correct polarity** (see figure on left).
- Position the battery cover so that it is **open by around 3 mm**, then slide **up** until it closes with a click.



- Press the belt clip on the rear of the handset until the "noses" on the side latch into the slots.

⚡	Use only the rechargeable batteries recommended by Siemens on page 56! Never use conventional batteries (non-rechargeable) or other battery types as this may cause significant damage to health and property. For example, the jacket of the battery could be destroyed (hazardous). The phone could also malfunction or be damaged.

Opening the battery compartment
Press on the ribbed section of the cover and push the cover **downwards**.

Preparing to use your phone

Registering the handset and charging the batteries

When you place the handset into the base, it will register **automatically** to the base. Proceed step by step as follows:

1. Place the **deactivated** handset in the base with the **display facing upwards**.
2. Wait till the handset has registered automatically to the base (page 41). This operation takes **around one minute**. You will now see "Time not activated" in the display. The internal number 11 is assigned to the handset (the first valid internal number for handsets) and the internal name **Int.11** appears in the display. You can change the handset name (page 32).
   Should automatic registration be interrupted, you must register the handset manually as described starting on page 41. You can get help from a table containing basic questions and answers (page 52).

Now leave the handset in the base for the batteries to charge – the batteries are supplied uncharged. Battery charging is indicated in the top right of the display by the flashing battery icon :

Batteries (almost) empty	Batteries $^2/_3$ charged
Batteries $^1/_3$ charged	Batt. fully charged

i	To register **additional handsets**, refer to page 41.

Note

Your telephone is now ready for use. To correctly record the time of calls you must now set the date and time. Depending on the network operator, the date and time will be set automatically by the phone network when you make your first outgoing call.

Activating/deactivating the handset

To activate the handset, press the end call key and hold. You will hear a confirmation tone (rising tone sequence).

To deactivate the handset, press the end call key again in the idle status and **hold** (confirmation tone).

i	The deactivated handset activates automatically when placed in the base or charger.

Activating/deactivating keypad protection

You can "lock" the keys on your handset, e.g. when carrying the unit in your pocket or bag. This protects the keypad against inadvertent activation.

Press and **hold** the hash key (#). You will hear a confirmation tone and the symbol will appear in the display.

To **deactivate** the keypad lock, press the hash key (#) again and **hold** (confirmation tone).

i	◆ The keypad lock deactivates automatically when you receive a call. It re-activates when the call is finished. ◆ When the keypad lock is active, you cannot even call emergency numbers.

Operating the handset – menu guidance

Special keys

Talk/directory key

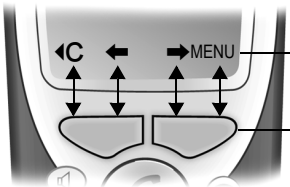
The talk/directory key is a **rocker key** that has two functions. You press the top half of this key to initiate a call. You press the bottom half of the key to open the directory.

Rocker key:
Top half of the key = Talk key
Bottom half of the key = Directory key

Display keys

The display keys are the **horizontal rocker keys** just below the display. Their function changes depending on the particular operating situation. The current function is shown in the display directly above the key to which it relates.

Example:



Display key functions

Display keys

Preparing to use your phone

The various **functions** are explained below:

Display icon	Meaning when key is pressed
◯●	Last number redial key: open the list of the last 10 numbers you dialled.
OK	OK key: confirm menu function or confirm an input and store.
MENU	Menu key: open the main menu when in idle status. Open a status-dependent menu while making a call.
INT	INT key: dial internally to make a call to other handsets connected to the same base.
▲ ▼	Scroll up / down.
◀ ▶	Move cursor left / right.
◀C	Delete key: delete input from right to left one character at a time.

Correcting wrong inputs

After a correct input you will hear a confirmation tone (rising tone sequence). An incorrect input is indicated by an error tone (descending tone sequence). You can repeat the input.

If you have entered the wrong characters when entering figures or text you can correct this as follows:

Deleting characters to the left of the cursor with ◀C

To correct a telephone number or text, use the display keys ◀ ▶ to move the cursor to the right of the incorrect character. Now press the display key ◀C. The character is deleted. Now enter the correct character.

Inserting characters to the right of the cursor

If you have omitted a character, use the display keys ◀ ▶ to go to the place where you want to insert the character, and key it in.

Overwriting characters

The number of digits for entering the date or time is predermined and the field is preconfigured. Using the display keys ◀ ▶ , position the cursor on the digit that is to be changed and overwrite it.

Idle status

Display in idle status (example)

Reverting to idle status from anywhere in the menu:

- Press the end call key ⓒ and hold or
- Press no key: the display **automatically** reverts to the idle status after 2 minutes.

Changes which you have not confirmed/stored by pressing **OK** will be rejected.

Menu operation, with "Setting Handsfree Volume" as an example

1. **MENU** Press the display key. The menu opens.
2. ↓ Press the display key repeatedly until **Audio Settings** appears on the screen.
3. **OK** Confirm with the display key.
4. ↓ Press the display key repeatedly until **Handsfree Volume** appears on the screen.
5. **OK** Confirm with the display key.
6. ← → Press the left or right display key to select the required volume (1–5).
7. **OK** Now press the display key to confirm the setting.
8. Press and **hold** the 'end call' key to return to the idle status.

Preparing to use the base

A few more settings are required to operate your phone:

- Date and time unless set by the phone network (page 13)
- Enter MSNs for your phone connection (page 33)
- Set type of device for the devices connected (page 49)
- Set receive MSN (page 35)
- Outside line code (for connection to a PABX, page 50)

You can make the settings with the enclosed standard handset, or else with other handsets.

In these operating instructions the standard handset is used to illustrate operation.

What is an MSN?

MSN = Multiple Subscriber Number. You can apply for up to ten different telephone numbers for one multiple ISDN connection. An MSN is one of the phone numbers assigned to you **without an area code**.

You telephone uses the MSN entirely as you require. The following differentiation is made:

- **Receive MSN:** Phone numbers you may be called on. You can assign the receive MSN's to specific internal users (handsets). Incoming calls are only forwarded to the handsets to which the relevant MSN has been assigned.
- **Send MSN:** Phone numbers that are identified to the person you are calling. The network operator calculates charges based on the send MSN's. You can assign a fixed send MSN to each internal user.

Preparing to use your phone

Possible internal users are:

- **Handsets**, to which you can assign the internal numbers 11 to 16.
- **Data modules** (page 49), to which you can assign the internal numbers 41 to 46.

Example of how to assign an MSN:

You have applied for four MSN's, two for business use (MSN1, MSN2) and two for private purposes (MSN3, MSN4). Four handsets are connected to a base. Two handsets (Int.11 and 12) are intended for business use, and two handsets (Int.13 and 14) are intended for private use.

Internal users		Use	Receive MSN	Send MSN
Handsets	Int.11, 12	Business	MSN1, MSN2	MSN1
Handset	Int.13	Private	MSN3	MSN3
Handset	Int.14		MSN4	MSN4

Date and Time

Setting the date and the time

Correct date and time settings are essential if, for example, you want to know exactly when calls were received.

The first time you make a call on your phone, the date and time are transmitted by the exchange. However, you can also set the date and time on the handset.

MENU	Open the menu.
↓ **Calender/Clock** **OK**	Select the menu item and confirm.
↓ **Date/Time** **OK**	Select the menu item and confirm.
	Enter the date:
OK	Enter the day/month/year and confirm. **Example:** for 20.05.2003, enter 2 ABC 0 + 0 + 5 JKL 0 + 3 DEF.
	Enter the time:
OK	Enter hours/minutes and confirm. **Example:** for 9.35, enter 0 + 9 WXYZ 3 DEF 5 JKL.
	Only when the 12-hour display is selected:
↓ **OK**	Select a.m. or p.m. and confirm.
	Long press (back to idle status).

Changing the time mode

You can choose between the 12 hour and the 24 hour display (factory setting) for the time (a.m. = 1st half of the day; p.m. = 2nd half of the day).

MENU	Open the menu.
↓ **Calender/Clock** **OK**	Select the menu item and confirm.
↓ **Time Mode** **OK**	Select the menu item and confirm.
either ...	
↓ **12 hour** **OK**	Select the menu item and confirm (✓ = activated).
or ...	
24 hour **OK**	Confirm (✓ = activated).
	Long press (back to idle status).

Making calls

Making external calls and ending a call

External calls are calls into the public telephone network.

	Enter the number and press the talk key. The telephone number is dialled.
	End the call:
	Press the end call key.

i	◆ You can also **press** the talk key first (you hear the dialling tone) and then enter the number. ◆ You can use the end call key to cancel the dialling operation. ◆ You can also end a conversation by placing the handset in the base.

Making an internal call

Internal calls are calls between handsets that are registered with the same base. These calls are free.

You can either call a specific handset or call all the other registered internal users at the same time ("group call").

i	If you receive a call during an internal call or group call, the call is not interrupted. You will hear a call waiting tone.

Calling a specific handset

INT	Open **Internal call**.
either ...	
	Enter the number of the internal user required.
or ...	
MENU	Open the menu.
⬇ **Int.11** **OK**	Select the required internal number and confirm, e.g. **Int.11**.

Starting a group call to all internal users

You can make a group call to all other registered internal users from any handset.

INT	Initiate an internal call.
	Press the star key.

The first internal user to pick up the call is connected with you.

Accepting a call

Your handset rings, the call is displayed on the screen and the handsfree key flashes.

Press the talk key or the handsfree key to accept the call. If the handset is in the base/charger and the **Auto Answer** function is activated (page 44), then you just need to lift the handset out of the base/charger to take the call.

Withholding Calling Line Identification

Precondition: The "Withhold Calling Line Identification" service is supported by your network provider.

When supplied, your phone number is displayed on the phone of the person you are calling (CLIP – for outgoing connections) and a caller's phone number is displayed on your handset (COLP – for incoming connections).

You can withhold this Calling Line Identification (CLIR – for outgoing connections/ COLR – for incoming connections). CLIP/CLIR are paired with COLP/COLR: if you withhold Calling Line Identification both – CLIR and COLR – are activated.

You will find explanations for the abbreviations used in the glossary on page 67.

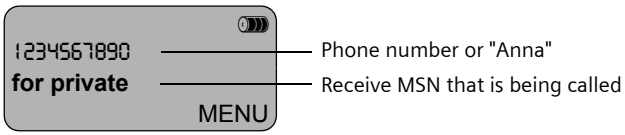
Displaying caller's phone number

When you get a call, you will see the caller's number and/or name displayed on the screen.

Precondition: Calling Line Identification is activated for the caller.

Screen display with CLIP

With Calling Line Identification, the caller's telephone number is displayed on the handset screen. If you have stored an entry for this number in your directory, then that entry will be displayed instead of the number, e.g. "Anna".



Call from unkown caller is displayed on the screen if the caller's phone number is not identified.

Withholding phone number identification

If you do not wish your phone number to be revealed to the person you are speaking to, you can stop your number being identified. You can withhold identification of your phone number specifically for the next call or else for all calls. If set for all calls, the phone number is withheld both for outgoing calls (CLIR) and for incoming calls (COLR).

Withholding or permitting identification of your phone number for all calls
When the phone is supplied **Withhold no.** is not activated.

MENU	Open the menu.
↓ **Base Settings** **OK**	Select the menu item and confirm.
↓ **Settings** **OK**	Select the menu item and confirm.
↓ **ISDN settings** **OK**	Select the menu item and confirm.
↓ **Withhold no.** **OK**	Select the menu item and confirm (✓ = activated).
ⓒ	**Long** press (back to idle status).

Handsfree

Activating/deactivating handsfree

	Activate while dialling:
⌨ ◁)	Enter the phone number and press the handsfree key (instead of the talk key ⌐).
	Activate during a call:
◁)	Press the handsfree key.
	Deactivate handsfree:
⌐	Press the top half of the key.

As soon as you terminate the handsfree mode you switch to "earpiece mode" and continue the call on the handset.

i	◆ If you wish to place the handset in the base during a call you must press the handsfree key ◁) and hold it down while you position the handset in the base. ◆ You should inform your caller that you intend to use the handsfree function before you activate it.

Adjusting the volume while in handsfree mode

A call is in progress and handsfree ◁) is activated.

◁)	Press the handsfree key **again**.
← → **OK**	Decrease or increase the volume and confirm.

Callback when the number is busy (CCBS)

Precondition: The exchange supports this service.

Callback when the number is busy – CCBS (Completion of Calls to Busy Subscriber)
The user you are calling is currently making a call. Automatic callback saves you making repeated attempts to dial the number.

Activating callback

The number you are calling is busy or your call is not answered:

MENU	Open the menu.
CALLBCK **OK**	Press the display key.
	Wait for confirmation from the exchange.

Accepting a callback

The handset emits a special ringtone and the callback number is shown in the display.

	Press the talk key. The connection is made.

Cancelling callback

Before callback is signalled:

MENU	Open the menu.
↓ **Base Settings** **OK**	Select the menu item and confirm.
↓ **Status** **OK**	Select the menu item and confirm. The status list is displayed (✓ = activated).
↓ **Callback** **OK**	Select the menu item and confirm. The current callback number is shown on the screen.
MENU	Open the submenu.
either ...	**Check:**
↓ **Back** **OK**	Confirm.
or ...	**Cancel:**
Delete **OK**	Confirm. The callback function is cancelled.

When callback is being signalled:
Precondition: The handset is ringing and the screen displays the callback number.

MENU	Open the menu.
Delete **OK**	Confirm. The callback function is cancelled.

Functions during a call

Making a call to several users

You initiate a call to several users through an enquiry call. You can then speak to the other users either one at a time ("toggling", page 20) or at the same time ("conference call", page 20). An enquiry call may only be made when you are making an external call.

External enquiry call

You wish to call another external user during an external or internal call.

Initiate enquiry call:

either ...	
MENU	Open the menu.
Enquiry call **OK**	Select the menu item and confirm.
or ...	
Ⓡ	Press the recall key.

The call to the first user is now put on hold.

Make a call to the second external user:

	Enter the second user's telephone number. You can also make a call via the directory or other lists (page 23).
	If the second external user you have dialled is busy:
MENU	Open the menu.
Back **OK**	Confirm to return to the first user.
	If the second external user rings:
either ...	**Toggle (page 20):**
↑ ↓	Swap between callers.
or ...	**Conference call (page 20):**
MENU	Open the menu.
↓ **Conference** **OK**	Select the menu item and confirm.

Internal enquiry call

You wish to call an internal user during an external call.

Initiate an internal enquiry call:

either ...	
INT	Open **Internal call**.
or ...	
MENU	Open the menu.
Enquiry call **OK**	Confirm.
INT	Open **Internal call**.
or ...	
Ⓡ	Press the recall key.
INT	Open **Internal call**.

The call to the first user is now put on hold.

Make a call to the internal user:

either ...	
	Enter the number of the internal user required.
or ...	
MENU	Open the menu.
↓ **LIST** **OK**	Open list of handsets.
↓ **Int.11** **OK**	Select the required internal number and confirm, e.g. **Int.11**.
	If the internal user you have dialled is busy:
MENU	Open the menu.
Back **OK**	Confirm to return to the external user.
	If the internal user replies:
either ...	**Toggle (page 20):**
↑ ↓	Swap between callers.
or ...	**Conference call (page 20):**
MENU	Open the menu.
↓ **Conference** **OK**	Select the menu item and confirm.

Functions during a call

Toggling

Precondition: You have established an enquiry call (see page 18 and see page 19).

There is both an active call (the one established with an enquiry call) and a held call (the first). You can speak to both callers one at a time.

Use ⬆ ⬇ to swap between the two callers.

End enquiry call/toggling:

either ...	**End the call that is currently active:**
MENU	Open the menu.
End **OK**	Confirm. You return to the waiting caller.
or ...	
☎	Press the **end call** key.

Conference call

Precondition: You have established an enquiry call (see page 18 and see page 19).

There is both an active call (the one established with an enquiry call) and a held call (the first). In a conference call you can speak to both other callers at the same time.

i	You can make a conference call with ◆ two external users or ◆ with one internal user and one external user.

It is possible to conduct two conference calls at the same time on one base.

Establishing a conference

You are making an enquiry call. The first caller is put on hold.

Press **Conference** to establish a conference call.

Ending a conference

You have several options for ending a conference call:

either ...	**You end the conference:**
☎	Press the **end call** key The conference call is ended; the two other users will hear the busy tone.
or ...	**You change the conference to an enquiry call:**
MENU	Open the menu.
INDIV. **OK**	Confirm to change the conference to an enquiry call (see page 18 and page 19).The connection that was active immediately before the conference was established becomes the active call again.

Transferring calls

Transferring a call to another handset

You are making an **external** call and would like to transfer it to another internal handset.

Establish an internal enquiry call (page 19), and then press the end call key ⓒ (even before the other party has answered) to transfer the call.

Dealing with a waiting external call – CW (Call Waiting)

Precondition: Call Waiting (CW) has been set up (page 40).

You hear the call waiting tone (short beep) if you receive an external call while conducting another call (internal or external). The caller's number or name will appear in the display if Calling Line Identification is enabled.

There are three options for dealing with a waiting external call:

Accept the waiting call – enquiry call:

MENU	Open the menu.
Waiting **OK**	Confirm. You accept the waiting call and the first call is put on hold. To toggle between both callers see page 20, for a conference call see page 20.

Reject the waiting call:

MENU	Open the menu.
⬇ **Waiting** **OK**	Select the menu item and confirm.

i	If you reject the call waiting tone on your handset, it can still be heard on other registered handsets.

Change caller:

ⓒ	End your current call. The waiting call becomes a normal call.
ⓒ	Press the talk key to accept the call.

Putting a call on hold (Call Hold)

Putting an external caller on hold:
You are conducting an external call.
Press the display key **INT**. The external caller is put on hold. You can initiate an internal enquiry call (page 19).

Putting an internal caller on hold:
You are conducting an internal call.

MENU	Open the menu.
Enquiry call **OK**	Confirm. The internal caller is put on hold.

Cost of calls

The network provider automatically displays the charges. The cost unit for displaying the charges is CHF 0.10.

At the start of an outgoing call and each time a charge impulse is given, the current charges are displayed. When a call is over, the total charge is displayed for approx. 3 seconds.

The costs cannot be accessed from the menu.

Using the directory and other lists

Directory and speed dial list

You can store up to a total of 50 numbers in the directory and the speed dial list.

The **directory** makes dialling easier for you. To open the directory, press the bottom half of the ☎ key.

The **speed dial list** is a special directory in which you can store additional important numbers. You open the speed dial list with the ☺ key.

i	◆ Please refer to the **character set chart** (page 58) to see how to enter text correctly. ◆ You can enter up to 32 digits for a number and up to 16 letters for a name. ◆ For information on the order of entries in the directory please refer to page 59.

The speed dial list is operated in just the same way as the directory, except for the way in which entries are stored. For storing entries in the speed dial list, please refer to page 24.

Storing a telephone number in the directory

☎	Open the directory.
either ...	**The directory is empty:**
OK	Press the display key to confirm the prompt.
or ...	**There are already entries in the directory:**
MENU	Press the display key to open the menu.
New Entry **OK**	Confirm.
... then	
OK	Enter the number and confirm.
MENU	Enter the name and press the display key.
Save Entry **OK**	Confirm. The entry is stored.
☎	**Long** press (back to idle status).

i	If your phone is connected to a PABX you may have to enter the access code (outside line code) as the first digit of your directory entry (refer to the operating instructions of your PABX).

Using the directory and other lists

Storing a telephone number in the speed dial list

You can assign a digit (0, 2–9) to **up to nine** entries on your speed dial list. When you press and hold one of these digits, e.g. "3", and press the top half of the key you are immediately connected to the telephone number that is assigned the number 3.

	Open the speed dial list.
either ...	**The directory is empty:**
OK	Press the display key to confirm the prompt.
or ...	**There are already entries in the directory:**
MENU	Press the display key to open the menu.
New Entry **OK**	Confirm.
OK	Enter the number and confirm.
MENU	Enter the name and press the display key.
Save Entry **OK**	Confirm. The entry is stored.
MENU	Press the display key to open the menu.
Shortcut **OK**	Select the menu item and confirm.
Shortcut: 2 **OK**	Select the digit and confirm.
	Long press (back to idle status).

i	Speed dial digits cannot be assigned more than once.

Dialling with the directory/speed dial list

or	Open the directory or speed dial list.
either ...	**Scroll to the entry:**
	Select entry.
	Press the top half of the key. The number is dialled.
or ...	**Enter the first letter:**
	Enter the first letter of the name.
	Select entry.
	Press the key. The number is dialled.

Viewing and editing an entry in the directory/speed dial list

✆ or ☺	Open the directory or speed dial list.
↓ **MENU**	Select the entry and press the display key.
↓ **Edit Entry** **OK**	Select the menu item and confirm.
OK	Change the number and confirm.
MENU	Change the name and press the display key.
Save Entry **OK**	Confirm. The entry is stored.
⏻	**Long** press (back to idle status).

Deleting a single entry or directory/speed dial list

✆ or ☺	Open the directory or speed dial list.
↓ **MENU**	Select the entry and press the display key.
either ...	**Delete a single entry:**
↓ **Delete Entry** **OK**	Select the menu item and confirm.
or ...	**Delete the entire directory/speed dial list:**
↓ **Delete List** **OK**	Select the menu item and confirm.
OK	Press the display key to confirm the prompt.
... then	
⏻	**Long** press (back to idle status).

Adding a displayed telephone number to the directory

When a telephone number appears in the display (CLIP) you can add it to your directory. This can be done while dialling from the last number redial list, from the calls list or during a call.

MENU	Press the display key to open the menu.
↓ **Copy to Directory** **OK**	Select the menu item and confirm.
OK	Confirm the telephone number.
MENU	If required, enter the name and press the display key.
Save Entry **OK**	Confirm. The entry is stored.
⏻	**Long** press (back to idle status).

i	If you have CNIP (page 15) as well as CLIP, then the name that goes with the telephone number will also be displayed (up to 16 characters long).

Selecting a phone number from the directory

If you are prompted to enter an external telephone number while you are operating your telephone, you can use the directory to do this.

Precondition: The input field for external telephone numbers is displayed.

or	Open the directory or speed dial list.
↓ **OK**	Select the entry and confirm.

The telephone number is added to the entry field.

Last number redial list

The last number redial list contains the ten last dialled numbers. If names have also been stored for these numbers in the directory, then these names will be displayed. If there are several identical entries only the most recent will be displayed. If the last number redial list is full, the oldest entry will be deleted. You can use the last number redial list to redial the telephone numbers.

Manual last number redial

	Open the last number redial list.
↓	Select an entry and press the top half of the key. The number is dialled.

i	◆ To add or change the telephone number, open the last number redial list, then press **MENU** and confirm **Use Number** with **OK**. ◆ To add a telephone number from the last number redial list to the directory (page 25), press **MENU** ↓ **Copy to Directory** **OK**.

Deleting a single telephone number or the entire last number redial list

	Open the last number redial list.
↓ **MENU**	Select an entry and open the menu.
either ...	**Delete a single telephone number:**
↓ **Delete Entry** **OK**	Select the menu item and confirm.
	If there are still entries on the list, press the key and **hold** (back to idle status).
or ...	**Delete the entire last number redial list:**
↓ **Delete List** **OK**	Select the menu item and confirm.

Opening lists with the message key

Providing a new entry is present in the relevant list, you can open the following lists using the message key ✉:

- List of missed calls **Missed calls** (page 27)

These lists display the calls belonging to the receive MSN's assigned to the handset.

You hear an advisory tone as soon as a **new entry** (calls) arrives in one or more lists. The ✉ icon is displayed on the screen.

If you press the ✉ key, the following is displayed:

- If only one list has new entries, you will see the first new entry in that list.
  Open entry: ↓ (Select entry) **OK**
- If several lists have new entries, those lists are offered for your selection.
  Open entry: ↓ (Select list) **OK**, ↓ (Select entry) **OK**
- If there are no new entries, then the message "**No new messages**" is shown briefly. Then the list of missed calls is opened.

Calls lists

There are two calls lists:

- the list of **missed** calls
  This contains all the calls that have not been accepted or have been rejected.
- the list of **accepted** calls
  This contains all the calls accepted by a handset or answering machine.

The calls in these lists are displayed on a receive MSN assigned to the handset. In each case the phone numbers for the last 20 calls are stored. The oldest entry is deleted if a calls list is full and new entries are added. The most recent entry is at the top of the list and the oldest at the bottom.

A caller is entered in the relevant calls list at the end of a call. If a caller's number has been transferred and this phone number is entered in the directory, then the caller's name is inserted. If there are several identical entries only the most recent will be displayed in the two lists. A caller can appear in both lists if one call he makes is answered and another not. If an outgoing call is made to a caller who is entered in the list of missed calls, then this entry is transferred to the last number redial list and deleted from the list of missed calls.

Using the directory and other lists

Opening calls lists

You can open both calls lists via the menu. The list of missed calls can also be opened using the ✉ key, providing there is a new entry present (page 27). New entries in the list of missed calls are indicated by the ✉ icon on the screen and by a confirmation tone.

MENU		Open the menu.
↓ **Base Settings**	**OK**	Select the menu item and confirm.
either ...		
↓ **Accepted calls**	**OK**	Select the menu item and confirm.
or ...		
↓ **Missed calls**	**OK**	Select the menu item and confirm.

i	If another internal user has already opened a calls list you cannot open it.

Calling back a caller

Precondition: The caller's number has been identified (page 15).

Open the list of missed or accepted calls (page 28). **Now**:

↓		Select entry.
either ...		
☎ or 🔊		Press talk key or handsfree key.
or ...		
MENU		Open the menu.
Dial number	**OK**	Select.

Callback begins at once. The phone number is deleted from the calls list and entered in the last number redial list.

i	To a PABX: The access code (outside line code) is automatically put before the phone number (page 50).

Displaying an entry

Open the list of missed or accepted calls (page 28). **Now**:

↓ **MENU**		Select entry and open the submenu.
↓ **Display entry**	**OK**	Select the menu item and confirm.

Changing the caller's phone number

Open the list of missed or accepted calls (page 28). **Now**:

↓ **MENU**	Select entry and open the submenu.
↓ **Change number** **OK**	Select the menu item and confirm. The number is displayed.
	Change the number.
MENU	Press the display key to open the submenu.
Save entry **OK**	Confirm.

Adding an entry to the directory from the calls list

Open the list of missed or accepted calls (page 28). **Now**:

↓ **MENU**	Select entry and open the submenu.
↓ **Copy to dir.** **OK**	Select the menu item and confirm.
OK	Confirm the telephone number.
	Enter name (for text input see page 58).
MENU	Press the display key to open the menu.
Save Text **OK**	Confirm. The entry is stored.
	Long press (back to idle status).

Deleting an entry from the calls list

Open the list of missed or accepted calls (page 28). **Now**:

either ...	**Delete an entry:**
↓ **MENU**	Select entry and open the submenu.
↓ **Delete entry** **OK**	Select the menu item and confirm. The entry is deleted.
or ...	**Delete the calls list:**
MENU	Open the submenu.
↓ **Delete list** **OK**	Select the menu item and confirm.
OK	Confirm the prompt.
	Return to the idle state.

Security settings

Changing the system PIN

You can protect the following settings against unauthorised access using the system PIN (Personal Identification Number):

- Call forwarding to an external number (**MENU ⬇ Base Settings / ⬇ Ext. call forw.**)
- user configurations, security, ISDN, and system settings (**MENU ⬇ Base Settings / ⬇ Settings**)

The system PIN will not work with the number 0000.

When supplied, the system PIN is preconfigured to 0000.

MENU	Open the menu.
⬇ **Base Settings** **OK**	Select the menu item and confirm.
⬇ **Settings** **OK**	Select the menu item and confirm.
OK	Providing you choose a number other than 0000: Enter PIN and confirm.
Security **OK**	Confirm.
⬇ **Change PIN** **OK**	Select the menu item and confirm.
OK	Enter new system PIN (up to 8 digits, 0 to 9) and confirm.
OK	Repeat the new system PIN and confirm.
	Return to the idle state.

!	Memorise the new system PIN! If you forget it, the services of a technician will be required and you will be liable for the costs incurred.

Emergency numbers (CH 117, 118, 144)

The emergency numbers relevant to each country have been entered in the base station. These cannot be edited or deleted. You may enter four emergency numbers of your own choice.

i	An emergency number may also be dialled from a handset with limited authorisation.

Setting up, editing, reading and deleting personal emergency numbers

MENU	Open the menu.
↓ **Base Settings** **OK**	Select the menu item and confirm.
↓ **Settings** **OK**	Select the menu item and confirm.
OK	If required, enter the PIN and confirm.
Security **OK**	Confirm.
↓ **Emergency nos.**	Select. The emergency numbers list is opened.
↓ **<no entry>**	Select list entry, e.g. **<no entry>**.
MENU	Press the display key to open the submenu.
either ...	**Set up or edit emergency number:**
Change number **OK**	Confirm.
	Enter new emergency number (up to 32 digits) or edit existing emergency number. You can also copy the number from the directory ↓ or speed dial list ☺.
MENU	Press the display key to open the submenu.
Save entry **OK**	Confirm.
or ...	**View emergency number:**
↓ **Display number** **OK**	Select the menu item and confirm.
or ...	**Delete emergency number:**
↓ **Delete number** **OK**	Select the menu item and confirm.
	Return to the idle state.

i	If your telephone is connected to a PABX, you must enter the valid access code (e.g. 0; see page 50) before the emergency number. This also applies to emergency numbers you have preset and for which you need to re-enter as an alternative, for example, "0117"; "0118" and "0144".

System settings

The abbreviations in brackets after the titles indicate the ISDN service concerned. Some services may only be used if they have been authorised by the network provider (there may be an extra charge).

Changing the names for internal users

When the phone is supplied, all internal numbers are allocated the names **Int.11**, **Int.12** etc., according to how many there are. You can change these entries individually to suit your requirements.

MENU	Open the menu.
↓ **Base Settings** **OK**	Select the menu item and confirm.
↓ **Settings** **OK**	Select the menu item and confirm.
OK	Enter system PIN if required (page 30).
↓ **Setup user** **OK**	Select the menu item and confirm.
↓ **Setup device** **OK**	Select the menu item and confirm.
↓ **Int.11**	Select internal number, e.g. **Int.11**.
MENU	Open the submenu.
↓ **Name** **OK**	Select the menu item and confirm.
MENU	Change the name and open the menu.
Save entry **OK**	Confirm. The name is now shown in the internal list, including when an internal call is made from this internal number.

Setting up/deleting an ISDN phone number (MSN)

Your ISDN connection offers you two telephone lines (B channels) that you can use at the same time. You can establish up to ten separate phone numbers (MSN) on your base station.

Setting up an ISDN phone number (MSN) / changing the name

If you have not yet stored all your phone numbers, you may do so now. **All phone numbers that are stored retrospectively are automatically assigned to all registered handsets.**

Each new phone number you set up is automatically given its own ringer melody which you can change individually (page 36).

MENU		Open the menu.
↓ **Base Settings**	**OK**	Select the menu item and confirm.
↓ **Settings**	**OK**	Select the menu item and confirm.
OK		Enter system PIN if required (page 30).
↓ **ISDN settings**	**OK**	Select the menu item and confirm.
↓ **Set up MSN**	**OK**	Select the menu item and confirm.
↓		Select MSN, e.g. **MSN1: Anna**.
MENU		Open the submenu.
Edit entry	**OK**	Select the menu item and confirm.
OK		Enter the number and confirm.
		Enter a name (up to 16 characters – optional) (for inputting text see page 58).
MENU		Open the submenu.
Save entry	**OK**	Select the menu item and confirm.

Cancelling ISDN phone numbers (MSN)

MENU	Open the menu.
↓ **Base Settings** **OK**	Select the menu item and confirm.
↓ **Settings** **OK**	Select the menu item and confirm.
OK	Enter system PIN if required (page 30).
↓ **ISDN settings** **OK**	Select the menu item and confirm.
↓ **Set up MSN** **OK**	Select the menu item and confirm.
↓	Select MSN, e.g. **MSN1: Anna**.
MENU	Open the submenu.
↓ **Delete entry** **OK**	Select the menu item and confirm.

i	If the MSN you have cancelled was the send MSN (page 35) of an internal user then a new send MSN (the MSN with the lowest ranked number) will automatically be assigned to this internal user.

Assigning a phone number (MSN)

You can assign certain individual phone numbers (MSN's) to registered terminals. When doing this determine

- which phone number makes a registered terminal ring (receive MSN),
- under which number an internal user dials (send MSN).

Assigning a receive MSN

As supplied, a newly registered handset will ring whenever a phone number you have set up is dialled.

If you want to assign the handset certain specific receive MSN's:

MENU		Open the menu.
↓ **Base Settings**	**OK**	Select the menu item and confirm.
↓ **Settings**	**OK**	Select the menu item and confirm.
OK		Enter system PIN if required (page 30).
↓ **Setup user**	**OK**	Select the menu item and confirm.
↓ **Setup device**	**OK**	Select the menu item and confirm.
↓ **Int.11**		Select internal number for the handset, e.g. **Int.11**.
MENU		Open the submenu.
↓ **Receive MSN**	**OK**	Select the menu item and confirm.
↓	**OK**	Select MSN and confirm, e.g. **MSN1: Anna**.

Assigning a send MSN

When the phone is supplied no send MSN has been entered. The exchange provides the send MSN.

You can determine a send MSN for each internal user. This MSN is shown to the person you call and the call is also charged to this MSN.

MENU		Open the menu.
↓ **Base Settings**	**OK**	Select the menu item and confirm.
↓ **Settings**	**OK**	Select the menu item and confirm.
OK		Enter system PIN if required (page 30).
↓ **Setup user**	**OK**	Select the menu item and confirm.
↓ **Setup device**	**OK**	Select the menu item and confirm.
↓ **Int.11**		Select internal number, e.g. **Int.11**.
MENU		Open the submenu.
↓ **Send MSN**	**OK**	Select the menu item and confirm.
↓	**OK**	Select MSN and confirm, e.g. **MSN1: Anna**.

Assigning a ringer melody to an MSN

Each new receive MSN you set up is automatically given its own ringer melody which you can change individually. For a receive MSN you can:

- Select one of the available ringer melodies. This means that all handsets will use this ringer melody to indicate an incoming call to a receive MSN.
- Set **External ringer MT**. Then the handsets assigned to the receive MSN will use the ringer melody set on the handset for external calls (page 45).

MENU	Open the menu.
↓ **Base Settings** **OK**	Select the menu item and confirm.
↓ **Settings** **OK**	Select the menu item and confirm.
OK	Enter system PIN if required (page 30).
↓ **ISDN settings** **OK**	Select the menu item and confirm.
↓ **Set up MSN** **OK**	Select the menu item and confirm.
↓	Select MSN, e.g. **MSN1: Anna**.
MENU	Open the submenu.
↓ **Ringer Melody: 5** **OK**	Select melody and confirm, e.g. **Ringer Melody: 5** (✓ = set).

Forwarding calls

Forwarding calls to an external number – CF (Call Forwarding)

For each receive MSN you can store a destination number for each of the following conditions:

Immediately — **On busy** — **On no reply**

i	All three conditions can be activated at the same time.

Set up external call transfers are entered in a list. Active call transfers are identified in this list.

When the phone is supplied external call forwarding is not set.

Setting up the forwarding destination

MENU		Open the menu.
↓ **Base Settings**	**OK**	Select the menu item and confirm.
↓ **Ext. call forw.**	**OK**	Select the menu item and confirm.
OK		Enter system PIN if required (page 30). The list of set up call transfers is displayed.
MENU		Open the submenu.
New entry	**OK**	Confirm.
↓	**OK**	Select the receive MSN and confirm, e.g. **MSN1: Anna**.
↓ **Immediately**	**OK**	Select condition and confirm, e.g. **Immediately**. You will be notified if you have selected an MSN for which another internal user has already set up call forwarding. You can either return to the selection of other settings with a **short** press on the end call key, or continue with **OK**.
MENU		Enter number and open the menu.
Save entry	**OK**	Confirm.
YES		Confirm to set up call forwarding.

System settings

Activating/deactivating external call forwarding

MENU	Open the menu.
⬇ **Base Settings** **OK**	Select the menu item and confirm.
⬇ **Ext. call forw.** **OK**	Select the menu item and confirm.
OK	Enter system PIN if required (page 30).
⬇	Select call forwarding, e.g. **MSN1 to 22222**.
MENU	Open the submenu.
either ...	**Activate:**
⬇ **Activate?** **OK**	Select the menu item and confirm.
or ...	**Deactivate:**
⬇ **Deactivate?** **OK**	Select the menu item and confirm. You will be notified if you have selected call forwarding that another internal user has already set up. You can either return to the selection of other settings with a **short** press on the end call key, or continue with **OK**.

Editing an entry

MENU	Open the menu.
⬇ **Base Settings** **OK**	Select the menu item and confirm.
⬇ **Ext. call forw.** **OK**	Select the menu item and confirm.
OK	Enter system PIN if required (page 30).
⬇	Select call forwarding, e.g. **MSN1 to 33333**.
MENU	Open the submenu.
⬇ **Edit entry** **OK**	Select the menu item and confirm. You will be notified if you have selected call forwarding that another internal user has already set up. You can either return to the selection of other settings with a **short** press on the end call key, or continue with **OK**.
MENU	Enter the new number and open the menu.
Save entry **OK**	Confirm.
YES	Confirm to set up call forwarding.

Cancelling external call forwarding

MENU	Open the menu.
↓ **Base Settings** **OK**	Select the menu item and confirm.
↓ **Ext. call forw.** **OK**	Select the menu item and confirm.
OK	Enter system PIN if required (page 30).
↓	Select call forwarding, e.g. **MSN1 to 22222**.
MENU	Open the submenu.
↓ **Delete entry** **OK**	Select the menu item and confirm. You will be notified if you have selected call forwarding that another internal user has already set up. You can either return to the selection of other settings with a **short** press on the end call key, or continue with **OK**.

Activating/deactivating Call Waiting – (CW)

This function can be set up separately for each user. When call waiting is activated the caller will hear the ringing tone if you are already making a call. This call is announced both acoustically, and visually on your handset screen.
When call waiting is deactivated, the caller will hear the ringing tone if you are already making a call **and** other phones are assigned to this MSN.
When call waiting is deactivated, the caller will hear the busy tone if you are already making a call **and** yours is the only phone assigned to this MSN.

The function is activated when the phone is supplied. For how to deal with a waiting external call, see page 21.

MENU	Open the menu.
↓ **Base Settings** **OK**	Select the menu item and confirm.
↓ **Settings** **OK**	Select the menu item and confirm.
OK	Enter system PIN if required (page 30).
↓ **Setup user** **OK**	Select the menu item and confirm.
↓ **Setup device** **OK**	Select the menu item and confirm.
↓ **Int.11**	Select internal number, e.g. **Int.11**.
MENU	Open the submenu.
↓ **Call waiting** **OK**	Select the menu item and confirm (✓ = activated).

Restoring the factory setting

All functions are restored to the factory settings. The system PIN is reset to "0000". All entries (calls list) are deleted.

i	Before resetting, deactivate all active call transfers! The handsets are still registered.

MENU	Open the menu.
↓ **Base Settings** **OK**	Select the menu item and confirm.
↓ **Settings** **OK**	Select the menu item and confirm.
OK	Enter system PIN if required (page 30).
↓ **System settings** **OK**	Select the menu item and confirm.
↓ **Spec. function** **OK**	Select the menu item and confirm.
↓ **Factory setting** **OK**	Select the menu item and confirm.
↓ **Reset all** **OK**	Select the menu item and confirm.

Registering/de-registering other handsets

You can register up to six cordless devices on your base (handsets or data modules (M101data, M105data).

A Classis S127, S124isdn und Top S327, S324isdn handset that is not yet registered on a base is registered automatically. You must register older handsets from the same manufacturer as well as handsets from other manufacturers **manually**.

A Classic S127, S124isdn handset can be registered on one base.

Automatic registration: Classic S127, S124isdn, Top S327, S324isdn handsets

Any handset that is not registered on a base can be registered automatically.

To register for the first time, place the **deactivated handset** in the base with the **display facing upwards**. Registration takes around one minute. The handset **automatically** receives the lowest free internal number from the range **Int.11** to **Int.16**.

If the internal numbers **Int.11** to **Int.16** have already been assigned, please de-register another handset first (page 43).

i	◆ Automatic registration is only possible if no call is being made from the base on which you are registering the handset. ◆ You can assign another internal name to a registered handset (page 32).

Manual registration: Classic S127, S124isdn, Top S327, S324isdn

If internal numbers **Int.11** to **Int.16** on your phone have already been assigned, please de-register another handset you no longer require before registering a new one (page 43).

You must initiate handset registration on the handset and on the base.

1. On the base

Press the registration/paging key on the base for about 3 seconds. This starts the registration.

Registering/de-registering other handsets

2. On the handset (within 30 sec.)

MENU	Open the menu.
↓ **Handset Settings** **OK**	Select the menu item and confirm.
↓ **Register Handset** **OK**	Select the menu item and confirm.
↓ **Base 1** **OK**	Select base (1–4) and confirm, e.g. **Base 1**.
OK	Enter the system PIN for the base (the factory setting is 0000) and confirm. **Registering** appears in the display along with the name of the base e.g. **Base 1.** Once the handset has located the base, the list of free internal numbers is shown in the display.
↓ **Int.11** **OK**	Select internal number and confirm, e.g. **Int.11.**

After registration the handset reverts to idle status. The handset's internal number is shown in the display.

i	The handset interrupts the base search after 60 seconds. If registration has not been completed within this time, repeat the procedure.

Manual registration: Older handsets from the same manufacturer and other handsets with GAP functionality

Below is an explanation of how to register these handsets.

GAP	**G**eneric **A**ccess **P**rofile = European standard for the interaction of handsets and base stations made by different manufacturers.

If internal numbers **Int.11** to **Int.16** on your phone have already been assigned, please de-register another handset you no longer require before registering a new one (page 43).

1. On the handset

Start to register the handset as described in its operating instructions.

2. On the base

●	Press the registration/paging key on the base for about 3 seconds. This starts the registration.

The next unassigned internal number between **Int.11** and **Int.16** is automatically assigned to the handset as it is registered.

De-registering handsets

You can de-register each registered handset from each registered Classic S127, S124isdn, Top S327, S324isdn handset.

MENU	Open the menu.
↓ **Base Settings** **OK**	Select the menu item and confirm.
↓ **Handset Settings** **OK**	Select the menu item and confirm.
OK	Enter system PIN if required (page 30).
↓ **Setup user** **OK**	Select the menu item and confirm.
↓ **De-reg. device** **OK**	Select the menu item and confirm.
↓ **Int.16** **OK**	Select the handset that you wish to de-register and confirm, e.g. **Int.16**.
	Return to the idle state.

Locating a handset (paging)

If you have mislaid your handset you can page it with the help of the base.

Press the registration/paging key on the base for about 1 second. All handsets will ring at the same time (paging).

End paging:

Either press the registration/paging key on the base for a maximum of 1 second, or press the talk key on a handset.

Individual handset settings

Your handset is preset. You can change the settings to suit your requirements.

Changing the display language

You can view the display texts in different languages.

MENU		Press the display key to open the menu.
▼ **Settings**	**OK**	Select the menu item and confirm.
▼ **Language**	**OK**	Select the menu item and confirm. The current language is checked ✓ (the default setting is English).
▼ **OK**		Select a language and confirm.
ⓞ		**Long** press (back to idle status).

i

- If you set the wrong language in error, press **MENU** 7PQRS 2ABC. Now select the correct language with ▼ and press **OK** to confirm your choice.
- When you change the display language the character set can change too, e.g. for Russian.

Activating/deactivating Auto Answer

If you have activated this function, when you get a call you can simply lift the handset out of its base or the charger without having to press the talk/directory key ⌐ (the default setting is on).

MENU		Press the display key to open the menu.
▼ **Settings**	**OK**	Select the menu item and confirm.
Auto Answer	**OK**	Confirm to deactivate or activate the function (✓ = activated).
ⓞ		**Long** press (back to idle status).

Adjusting the loudspeaker volume

You can adjust the handsfree volume to five levels and the earpiece volume to three levels – even while an external call is in progress.

MENU		Press the display key to open the menu.
↓ **Audio Settings**	**OK**	Select the menu item and confirm.
Earpiece Volume	**OK**	Confirm. You hear the current setting.
➡ **OK**		Select the earpiece volume and confirm.
↓ **Handsfree Volume**	**OK**	Select the menu item and confirm.
➡ **OK**		Select the handsfree volume and confirm.
⏻		**Long** press (back to idle status).

Changing the ringer tone

You can set the ringer tone individually.

A range of options is available:

- Six volume levels:
  - Five volume levels (1–5; e.g. volume level 2 = ▂▄▢▢▢◿),
  - "Crescendo" call (6; the volume increases with each ring = ▁▢▢▢▢◢).
- Ten melodies (1–10; melodies 1–3 are the "classic ringer tones").

i	The setting for the ringer melody on the handset only works if **External ringer MT** is set for the receive MSN of the handset instead of a ringer melody (page 36).

Changing the ringer melody

You can set the ringer individually for an internal or an external call.

MENU		Press the display key to open the menu.
↓ **Audio Settings**	**OK**	Select the menu item and confirm.
↓ **Ringer Melody**	**OK**	Select the menu item and confirm.
either ...		**For external calls:**
External Calls	**OK**	Confirm.
or ...		**For internal calls:**
↓ **Internal Calls**	**OK**	Select the menu item and confirm.
... then		
Melody 1	**OK**	Confirm melody, e.g. **Melody 1** (✓ = activated).
⏻		**Long** press (back to idle status).

Individual handset settings

Adjusting the ringer volume

MENU	Press the display key to open the menu.
↓ **Audio Settings** **OK**	Select the menu item and confirm.
↓ **Ringer Volume** **OK**	Select the menu item and confirm.
➡ **OK**	You hear the current volume. Select volume and confirm.
ⓒ	**Long** press (back to idle status).

Activating/deactivating the ringer

All handsets ring when there is an incoming call. You can cancel the ringer on your handset before you answer a call or when the handset is in idle status; the ringer can be cancelled permanently or just for the current call.

	Cancelling the ringer permanently:
*△	Press the star key and hold until the ringer cannot be heard any longer. The ringer is now **permanently** cancelled. The icon appears in the display.
	Re-activating the ringer:
*△	Press the star key and **hold**.

To cancel the ringer in **idle status**, press the *△ key and hold until the icon appears. The ringer cannot be re-activated while an external call is in progress.

Activating/deactivating advisory tones

Your handset uses 'advisory tones' to tell you about different activities and statuses. The following advisory tones can be activated and deactivated individually (the default setting is on).

- **Key click:** Every key press is confirmed.
- **Acknowledge tones:**
  - Confirmation tone (rising tone sequence): when an input/setting has been completed, when the handset is placed in the base and when a new entry arrives in the calls list
  - Error tone (a descending tone sequence): with incorrect inputs
  - End of menu tone: when scrolling at the end of a menu
- **Battery tone:** The batteries must be charged.

MENU	Press the display key to open the menu.
↓ **Audio Settings** **OK**	Select the menu item and confirm.
↓ **Advisory Tones** **OK**	Select the menu item and confirm.
either ...	**Activate/deactivate Key Tones:**
Key Tones **OK**	Confirm (✓ = activated).
or ...	**Activate/deactivate Battery Low:**
↓ **Battery Low** **OK**	Select the menu item and confirm.
↓ **On** **OK**	Select condition (**Off**, **On**, **During Call**) and confirm, e.g. **On** (ticked ✓).
ⓔ	Press the 'end call' key **briefly** to return to the previous menu level.
or ...	**Activate/deactivate Confirmation Tone:**
↓ **Confirmation Tone** **OK**	Select the menu item and confirm (✓ = activated).
... then	
ⓔ	**Long** press (back to idle status).

Resetting a handset to the factory setting

You can reset individual settings and changes you have made. This will not affect entries in the directory, the calls list, the speed dial list, or the handset's registration to the base.

Press ⓘ to cancel the reset.

MENU	Press the display key to open the menu.
↓ **Handset Settings** **OK**	Select the menu item and confirm.
↓ **Reset Handset** **OK**	Select the menu item and confirm.
OK	Press the display key to confirm the prompt.
ⓘ	**Long** press (back to idle status).

Handset settings as supplied

Earpiece volume	1	page 45
Handsfree volume	3	page 45
Ringer volume	5	page 45
Ringer melody	1	page 45
Auto answer	activated	page 44
Battery tone/Key click/Confirmation tone	activated	page 47
Display language	German	page 44
Last number redial list	empty	page 26

Operating with other devices

Gigaset M101 Data and M105 Data data modules

The Gigaset M101 Data with V24 interface and the Gigaset M105 Data with USB interface provide you with a cordless connection between your PC and the base station, e.g., for Internet access.

For installation, see the installation instructions on the CD-ROM provided with the data module.

Gigaset Repeater V2

You can increase the range of your handsets with the Gigaset Repeater. You can operate up to six repeaters on your base. To ensure the repeater is installed correctly, repeater mode must be activated on the base.

Activating/deactivating repeater mode

You can use this function to activate and deactivate repeater mode.

When the phone is supplied the repeater mode is deactivated.

MENU	Press the display key to open the menu.
↓ **Base Settings** **OK**	Select the menu item and confirm.
↓ **Settings** **OK**	Select the menu item and confirm.
OK	Enter system PIN if required (page 30).
↓ **System settings** **OK**	Select the menu item and confirm.
↓ **Special function** **OK**	Select the menu item and confirm.
↓ **Repeater Mode** **OK**	Select the menu item and confirm (✓ = activated).
OK	Press the display key to confirm the prompt.
ⓒ	**Long** press (back to idle status).

Registering a repeater

Precondition: Gigaset Repeater has been deactivated (mains cable unplugged).

1. Press the registration/paging key on the base station for about 3 seconds. The key flashes.

i	Check that there are no other base stations registering in the vicinity of the Gigaset Repeater during this procedure.

2. Plug the Gigaset Repeater into the mains. The LED on the Gigaset Repeater flashes. After a short while the LED is permanently illuminated. This indicates that registration has been completed and the repeater is ready for use.

Further information is available in the operating instructions for the Gigaset Repeater.

Operating when connected to a PABX

Access code

Precondition: If your telephone is connected to a PABX, then depending on the PABX, you must enter an access code (outside line code) for external calls when the phone is first set up. See the operating instructions for your PABX. You can enter a one to four-digit access code.

For incoming calls, the access code is automatically placed in front of the caller's phone number in the display and in the calls lists, and likewise when copied to the directory. The stored phone number can then be dialled, for example, directly from the calls list (page 27).

MENU		Open the menu.
↓ **Base Settings**	**OK**	Select the menu item and confirm.
↓ **Settings**	**OK**	Select the menu item and confirm.
OK		Enter system PIN if required (page 30).
↓ **System settings**	**OK**	Select the menu item and confirm.
Access code	**OK**	Confirm.
MENU		Enter access code and open the menu.
Save entry	**OK**	Confirm.

i	For manual dialling and entering directory, emergency and direct dial numbers you must also enter the access code.

Dialling options

The KEYPAD function allows you to control certain services by entering sequences of characters and digits.

You should set the KEYPAD function if your device is connected to an ISDN PABX or to an exchange, which is controlled by means of KEYPAD protocol. The digits/characters **0** to **9, *, #** are transmitted as keypad information elements. Please inquire of your service provider about which information and codes you can transmit.

Setting options

You can switch between the settings **Standard dial** (factory setting), **Auto keypad** and **Dial * and #**.

Standard dial

Once **Standard dial** has been activated, ***** and **#** are not transmitted during dialling, and if ***** and **#** are entered it is not possible to switch to the keypad.

Auto keypad

Once ***** or **#** has been entered, this setting automatically transfers ringing during dialling to the keypad. This automatic switchover is needed for giving commands to the exchange or PABX.

Dial * and #

Once **Dial * and #** has been activated, the ***** and **#** characters are transmitted during dialling as commands to the exchange or PABX.

Regardless of the setting options above, **after dialling** or during the conversation, the phone switches automatically to tone dialling (DTMF), for instance for remote control of an answering machine.

MENU	Open the menu.
↓ **Base Settings** **OK**	Select the menu item and confirm.
↓ **Settings** **OK**	Select the menu item and confirm.
OK	Enter system PIN if required (page 30).
↓ **System settings** **OK**	Select the menu item and confirm.
↓ **Spec. function** **OK**	Select the menu item and confirm.
↓ **Dial properties** **OK**	Select the menu item and confirm.
↓ **Standard dial** **OK**	Select the setting and confirm, e.g. **Standard dial** (✓ = activated).

Appendix

Care

Wipe the base and the handset with a **damp** cloth (do not use any solvent) or an antistatic cloth. **Never** use a dry cloth as this can cause static discharge!

Contact with liquid ⚠

If the handset should come into contact with liquid, **on no account switch the device on. Remove all batteries immediately.**

Allow the liquid to drain out of the device, and then pat all parts of the device dry.

Keep the handset with the batteries removed in a warm, dry place for at least 72 hours. In many cases, you will then be able to use it again.

Questions and Answers

If you have any questions about the use of your phone, you can contact us at any time of the day and week at **www.my-siemens.com**/customercare. You will find the most frequently asked questions and answers below.

What has happened when ...	Possible Cause	Possible solution
... the display is blank?	The handset is not switched on. The batteries are flat.	Press the end call key **for around 2 sec.**. Charge or replace the batteries (page 8).
... the handset fails to respond to a key press?	The keypad lock is activated.	Press the hash key **for around 2 seconds** to deactivate the lock (page 9).
... **Base 1** or **Searching for Base**, for example, is flashing on the screen?	The handset is outside the range of the base. The handset is not registered. The base is not switched on.	Move the handset nearer to the base. Register the handset (page 41). Check the power connector at the base (page 6).
... the handset does not ring?	The ringer is switched off.	Activate the handset ringer (page 46).
... the incoming call number is not displayed even though CLIP is set?	Calling Line Identification is blocked.	The caller must ask his network provider to enable the identification of his number (CLI).
... the handset does not ring after the ISDN number (MSN) has been set up?	The area prefix has been stored with the MSN.	Store MSN **without** area prefix (page 33).
... there are **no incoming calls**?	Call forwarding **Immediately** has been activated. The MSN has not been assigned to the internal user.	Deactivate call forwarding **Immediately** (page 37). Determine the receive MSN (page 35).

What has happened when ...	Possible Cause	Possible solution
... you have a **PABX** and, after dialling, the wrong connection or no connection is made?	You have entered the wrong prefix or no prefix.	Check and correct the prefix (page 50).
... **the handset** does not ring as set?	The MSN has a different ringer melody set.	Change the ringer melody (page 36).
... some of the **ISDN functions** do not work as stated?	The ISDN function has not been enabled.	Check with your network provider.

Guarantee/maintenance/repair/approval

Guarantee

The guarantee period is two years from the date of purchase.

For repairs to be carried out under the guarantee, the defective item must be accompanied by a completed guarantee card that has been stamped by the dealer at the time and place of purchase.

The guarantee does not cover any defects or damage caused by improper use or wear and tear or third-party intervention. The guarantee does not cover consumables or defects which only have a minor effect on the value or operability of the phone.

If a defect occurs please contact your dealer.

Repair/maintenance

Leased phones

If your phone is not functioning correctly please contact the Repair Service Team (Tel. 175).

The actual repair *) and repair process are free of charge.

Purchased phones

Within the guarantee period, repairs to the phone will be carried out free of charge in accordance with the provisions of the guarantee*. The defective phone must be returned to the original place of purchase for repair.

Where the Repair Service Team is called out (including during the guarantee period), the repair process will be chargeable (travel costs and time spent). Beyond the guarantee period the incurred will also be chargeable.

Battery

A battery is a consumable good and is therefore not covered by the guarantee. There will be a charge for replacing defective batteries. This applies to both leased and purchased phones.

Assistance

If you have any general enquiries about our products or services please contact the Swisscom information helpline (Freephone 0800 800 800).

* excluding damage to spare parts such as cables, marking labels and batteries and damage through improper use caused by dropping the phone or ingress of moisture.

Approval and conformity

This handset can be used throughout the Swiss ISDN network.

Country-specific requirements have been taken into consideration. Should you have any queries relating to differences between the public telephone networks please contact your service provider or specialist dealer.

Excerpt from the original declaration

"We, Siemens AG, declare that the above mentioned product is manufactured according to our Full Quality Assurance System certified by CETECOM ICT Services GmbH in compliance with ANNEX V of the R&TTE Directive 99/05/EC. The presumption of conformity with the essential requirements regarding Council Directive 99/5/EC is ensured"

Senior Approvals Manager

The Declaration of Conformity (DoC) has been signed. In case of need a copy of the original DoC can be made available via the company hotline.

CE 0682

The Declaration of Conformity can be viewed on: **www.swisscom.com** under the heading eShop, Telephones, Declarations of Conformity, or can be ordered by post from the following address:

Swisscom Fixnet AG
Retailbusiness
Customer Premises Equipments (CPE)
3050 Bern

Specifications

Recommended batteries

Nickel-metal-hydride (NiMH):

- Sanyo Twicell 700
- Sanyo Twicell 650
- Panasonic 700 mAh
- GP 700 mAh
- YDT AAA SUPER 700
- VARTA PhonePower AAA 700 mAh

Handset operating times/charging times

Capacity (mAh)	Standby time (hours)	Calling time (hours)	Charging time (hours)
700	approx. 170 (7 days)	approx. 13	approx. 5

These operating and charging times apply only when using the recommended batteries. The battery charge capacity decreases after a few years for technical reasons.

Power consumption

- In standby status (no charging): approx. 2.8 watt.
- In standby status (device charging): approx. 5.2 watt.
- While calling (no charging): approx. 3.2 watt.

General Specifications

Feature	Value
DECT standard	is supported
GAP standard	is supported
No. of channels	60 duplex channels
Radio frequency range	1880–1900 MHz
Duplex method	Time multiplex, 10 ms frame length
Channel grid	1728 kHz
Bit rate	1152 kbit/s
Modulation	GFSK
Language code	32 kbit/s
Transmission power	10 mW, average power per channel
Range	up to 250 m outdoors, up to 40 m indoors
Power supply/Base	220/230 V ~/ 50 Hz (Power supply unit C39280-Z4-C373)
ISDN connection	ISDN-Multiple Connection
Environmental conditions for operation	+5 °C to +45 °C; 20 % to 75 % humidity
Dialling mode	DTMF (tone dialling)/DP (dial pulsing)
Dimensions/Base	approx. 136.6 x 149 x 64.2 mm (L x W x H)
Dimensions/Handset	approx. 151 x 55 x 27 mm (L × W × H)
Weight	Base approx. 160 g Handset with battery cells approx. 130 g
Length of cords	Telephone connecting cord approx. 1.85 m Mains cable approx. 1.85 m

Character set chart

Standard characters

Press the relevant key repeatedly or hold it down:

	1 x	2 x	3 x	4 x	5 x	6 x	7 x	8 x	9 x	10 x	11 x	12 x	13 x	14 x
1	Space	1	€	£	$	¥	¤							
2 ABC	a	b	c	2	ä	á	à	â	ã	ç				
3 DEF	d	e	f	3	ë	é	è	ê						
4 GHI	g	h	i	4	ï	í	ì	î						
5 JKL	j	k	l	5										
6 MNO	m	n	o	6	ö	ñ	ó	ò	ô	õ				
7 PQRS	p	q	r	s	7	ß								
8 TUV	t	u	v	8	ü	ú	ù	û						
9 WXYZ	w	x	y	z	9	ÿ	ý	æ	ø	å				
0 +	.	,	?	!	0	+	-	:	¿	¡	"	'	;	_
*	Abc--> abc	abc --> 123	*	/	(	)	<	=	>	%				
#	#	@	\	&	§									

Creating and editing text

You can create and edit text in a number of ways:

- The cursor is controlled with ⬅ ➡ ⬆ ⬇ .
- Characters (to the left of the cursor) are deleted with C.
- Characters are added to the left of the cursor (page 10).
- To switch from upper case (first letter written in upper case, all other letters in lower case) to lower case, press the * key before you key in the letter. Pressing the * key again switches from lower case letters to digits. Press again to return to upper case letters.
- The first letter of the name of directory entries is automatically capitalised, followed by lower case letters.
- When you press a key **and hold it**, the characters of that key appear in the **bottom display line** and are highlighted one after the other. When you release the key the highlighted character is inserted into the input field.

  You can see in the display whether upper case, lower case or digits are selected:

  – 'A' or 'a' appears on the bottom display line when you make an entry in the directory.

Order of directory entries

As a rule, entries in the directory are arranged in alphabetical order, although blank spaces and numerals (digits) take first priority. The **order in which entries occur** is as follows:

1. Space (shown here as ␣)
2. Digits (0–9)
3. Letters (alphabetical)
4. Other characters

If you want to circumvent the alphabetical order of the entries in the directory, insert a space before the name. This entry then goes to the first position (example: „␣Carla"). You can also number the entries with digits (e.g. "1Jane", "2Mary", "3John").

Names prefixed with a star (e.g. "*Jane") appear at the end of the directory.

Compatibility

This list indicates which of the functions on your S1 handset, or handsets made by other manufacturers, are supported. You can register up to 4 handsets (see also page 41).

Function	Classic S127, S124isdn	Top S327, S324isdn	Classic S1A	Top S314isdn, Top E414isdn, Top 514isdn (Comfort)	Other manufacturers
Register	+	+	+	+	+
Dial	+	+	+	+	+
Display charges	-	+	-	+	-
Call duration	+	+	+	+	+
Callback	+	+	-	+	-
Calling Line Identification CLIP	+	+	+	+	-
Accept call waiting	+	+	(R)	+	Recall key
Reject call waiting	+	+	-	+	-
Transfer external calls (to internal subscriber)	+	+	+	+	Recall key
Three-party conference	+	+	-	+	-
Toggling	+	+	(R)	+	Recall key
Consultation call (external)	+	+	(R)	+	Recall key
Internal group call (when auto. line seizure deactivated)	+	+	Set, (*)	+	Set, then * key
Internal call (when auto. line seizure deactivated)	+	+	Set, 11-16	+	Set, 11-16
Display new message	+	+	-	+	-
Check calls list	+	+	-	+	-
Different ringer tones for each MSN	+	+	-	+	-
Last number redial	+	+	+	+	Dependent on manufacturer
Dial from local directory	+	+	+	+	Dependent on manufacturer

Gigaset CX100-150isdn / englisch / A31008-X150-G101-1-7619 / menuetree.fm / 20.01.2004

Menu Tree

Main menu

Instead of scrolling to locate a menu function, you can select a menu function faster by opening the menu and keying in the digit combination ("shortcut").

Example: MENU (5 JKL) (4 GHI) (1 ∞) for "set ringer melody for external calls".

With the telephone in the **idle status**, press **MENU** (open menu):

4	Calender/ Clock	4-3	Date/Time				
		4-4	Time Mode				
5	Audio Settings	5-1	Earpiece Volume				
		5-2	Handsfree Volume				
		5-3	Ringer Volume				
		5-4	Ringer Melody	5-4-1	External Calls	5-4-1-1	Melody 1
						5-4-1-...	[to]
						5-4-1-0	Melody 10
				5-4-2	Internal Calls	5-4-2-1	Melody 1
						5-4-2-...	[to]
						5-4-2-0	Melody 10
		5-5	Advisory Tones	5-5-1	Key Tones		
				5-5-2	Battery Low	5-5-2-1	Off
						5-5-2-2	On
						5-5-2-3	During Call
				5-5-3	Confirmation Tone		
7	Handset Settings	7-1	Auto Answer				
		7-2	Language				
		7-3	Register Handset				
		7-5	Reset Handset				
8	Base Settings	→	*For continuation see submenu* Base Settings *(page 62)*				

"Base Settings" submenu

To begin: with the handset in **idle status**, press **MENU**, ⬇ **Base Settings OK** or **MENU** 8TUV

Missed calls	*(Phone number list) -> Calls lists (page 27)*			
Accepted calls	*(Phone number list) -> Calls lists (page 27)*			
Ext. call forw.	(List of existing external diverts)	New entry	*MSN list*	Immediately
				On busy
				On no reply
		Activate?	Deactivate? *– if divert activated*	
		Edit entry	Immediately	
			On busy	
			On no reply	
		Delete entry		
Settings	Security	Change PIN	*(Enter PIN)*	
		Emergency nos.	*Emergency numbers (preconfigured)*	
			Emergency numbers (personal)	Change number
				Delete number
				Display number
	Setup user	Setup device	*Internal number -> Submenu for specific type of device*	
		De-reg. device	*Select device*	
	System settings	Access code		
		Spec. function	Factory setting	Reset all
			Dial properties	Standard dial
				Auto keypad
		Ext.room monit.		Dial * and #
			Repeater	
	ISDN settings	Set up MSN	*List of all set up MSN's*	Edit entry
				Ringer melody
				Delete entry
				Display entry
		Unknown call	✓ = on	

Directory key and speed dial list key

Press the bottom half of the ☎ key or the speed dial list key ☺, select an entry with ↓ and press **MENU** to open the required list**.** The following **menu functions** are available:

New Entry
Use Number
Edit Entry
Delete Entry
Delete List
Shortcut

Accessories

Handsets

Turn your product into a cordless telephone system:

Top S327, S 324^{ISDN}

- Large illuminated graphic display with date and time
- Directory for around 200 entries
- Full duplex grade handsfree
- EATONI predictive text
- Caller-based ringer melody setting
  (for VIP calls, only available with CLIP transmission from the network)
- Room monitor
- Walk and Talk
- Voice selection for 29 names
- Announce name when calling
- Colour: black/silver

Classic S127, S124 ISDN

- Graphic display with date and time
- Directory for around 50 entries
- Handsfree talking
- Colour: black/silver
- (Classic S127 white/silver)

Gigaset repeater V2

The Gigaset repeater can be used to increase the reception range of your handset* (except other makes of handset) to the base.

*(this function does not work for handsets which are registered to the base via GAP)

ISDN glossary

A

Added-feature connection

ISDN connection that offers three more services than the standard connection: call forwarding, identification of charges after a call, and a network mailbox.

Authorisation class

Defines which connections are permitted on a PABX terminal, e.g., internal only, incoming only, or unlimited call authorisation.

Authorisation for direct outward dialling

Different users may be assigned different levels of authorisation on a base station. For example, while User A may only take incoming calls, User B may make calls without restriction.

Automatic callback

See "Callback when the number is busy"

B

Block dialling

Also pre-dialling. You may only dial or, if required, correct the phone number. Then you should lift the receiver or press the loudspeaker key.

C

Call forwarding

CF, Call Forwarding. You want to forward calls to another number permanently. You can forward calls externally via the exchange or internally in the device itself. Call forwarding can be set up individually for each separate phone number (MSN) (to your mobile phone when on holiday, to the office, to a neighbour etc.).

This is carried out at the network provider's local exchange. This means the call never reaches the original destination.

There are three kinds of call forwarding: immediate (CFU, Call Forwarding Unconditional), when the line is busy (CFB, Call Forwarding Busy), and when the call is not answered (CFNR, Call Forwarding No Reply).

Call forwarding (via the second B channel)/internal call forwarding

Whereas external calls are forwarded through the network provider's local exchange, internal calls are forwarded through your telephone. Your telephone forwards the call via the second line of your ISDN connection. This means **both phone lines are engaged for the duration of the call**. You pay the charges for the connection to the forwarding number. However, you save yourself the network provider's charges for this function.

Call waiting

CW, Call Waiting. Service provided by the network provider. An acoustic signal during a call indicates that another caller is waiting. In addition, ISDN phones indicate this with a displayed message. You can then decide whether to accept or reject the second call.

Call waiting protection

Deactivates the call waiting signal.

Callback when the call is not answered

If a user does not respond when called, a caller can arrange an automatic callback. As soon as the destination phone has completed a call and is free again the caller is rung back. This service must be supported by the exchange. The callback request is automatically cancelled after about 2 hours (depending on the network provider).

Callback when the number is busy

Callback must first be activated on the caller's terminal. A connection is established automatically as soon as the destination phone is no longer busy. As soon as the connection is free the caller is rung back. As soon as the caller lifts his receiver the connection is made automatically.

Caller identification

Displays caller's phone number, name or type of connection (e.g., exchange/ internal) on the telephone screen.

Calls list

Depending on the setting, the calls list contains callers you haven't reached, or those you have spoken to. The last 20 missed calls and the last 20 accepted calls are stored with their phone number, date and time. If wished, you can return the call to these users directly from this list.

CCBS (Completion of Calls to Busy Subscriber)

See "Callback when the number is busy"

CF (Call Forwarding)

See "Call forwarding"

Channel

Like an analogue connection, an ISDN connection enters the building through two cables, but for ISDN a distinction is made between the two bearer channels called the B-channels (which have nothing to do with the physical cables!) and the control channel, otherwise known as the D channel.

CLI (Calling Line Identification)

The caller's phone number is transmitted.

CLIP (Calling Line Identification Presentation)

User A calls User B. A's phone number appears on B's telephone screen.

CLIR (Calling Line Identification Restriction)

Stops your personal phone number being displayed.

CNIP (Calling Name Identification Presentation)

User A calls User B. A's name appears on B's telephone screen.

ISDN glossary

COLP (Connected Line Identification Presentation)

User A calls User B. B's phone number is displayed on A's telephone. If, say, B has programmed a call diversion to C, and the dialled number and transmitted number are not the same, then C's phone number is displayed if C permits this phone number to be displayed.

COLP (Connected Line Identification Restriction)

If C has set up COLR, then C's phone number is not displayed on A's phone.

Conference call

See "Three-party conference"

CW (Call Waiting)

See "Call waiting"

D

D channel

Control channel for an ISDN connection. See "Channel"

Digital exchange

Computer controlled switching units allow quick connection and the activation of such additional services as => enquiry calls, => call waiting, => three-way conference, => call forwarding etc.

Directory

An added feature on a phone allowing the name and phone number of several users to be stored. The phone numbers can quickly be found and dialled.

E

Electronic code lock

Personal code (=> PIN), used, for example, to protect a phone against unauthorised use – only calls to emergency numbers may still be made. Incoming calls may be accepted.

Enquiry calls

You are making a call. Using the "Enquiry call" function, you interrupt the conversation briefly to establish a second internal or external connection to another user. If you terminate the connection to this user immediately, then this was an enquiry call. If you switch to and fro between the first and second user, it is called toggling.

Exchange

Nodal point in the public telephone network. A distinction is made, for example, between local exchanges and long-distance or trunk exchanges.

H

Handsfree

A phone's handsfree set not only permits open listening but also allows you to talk to the person on the other end without lifting the receiver by means of an integrated microphone. This means others present in the room can also participate in the conversation.

Hold

(Hold the line). Interrupts and re-instates an existing connection. In particular, it permits enquiry calls and toggling between calls.

I

Internal calls

Connection between the base station and handsets made free of charge.

Internal ringer

Special ringtone on PABX's to distinguish between internal and external calls.

ISDN

Abbreviation for Integrated Services Digital Network, i.e., a digital network for integrating services. This includes the integration of telephone, fax or data transmission.

ISDN abbreviations

CW	Call waiting
CF	Call forwarding
3PTY	Three-party conference
CCBS	Callback when the number is busy

K

Keypad

The keypad supports special function keys such as the star (*) and hash (#) keys. This means you can initiate certain functions offered by your network supplier using a code such as "#4711*".

M

MSN

Multiple Subscriber Number. The phone numbers belonging to a multiple ISDN connection. Each terminal is addressed separately, e.g., a separate number for a fax machine. Three MSN's are included in the basic price of a standard and added-feature connection. Up to ten MSN's can be assigned to one ISDN connection.

Multiple connection

ISDN connection which, unlike PABX connection, provides up to ten MSN's instead of having a direct dialling number block. This is the preferred type of ISDN connection for private customers.

Multiple subscriber number

See "MSN"

N

Notebook function

During a phone call you can enter a phone number in the phone's temporary memory to be dialled later.

NT/NTBA (NT 2a/b)

Network terminating device (NT = Network Terminator and NTBA = Network Terminator Basic Access). The public ISDN connection is terminated with an NT. The NT acts as a bridge to the existing telephone outlet. Only the NT can or may be connected to the telephone outlet. Under no circumstances should analogue terminals also be connected to the phone outlet. ISDN terminals and additional ISDN outlets are connected to the NT. Analogue telephones must only be connected to the analogue connections (a/b-Port) on the NT 2 a/b.

O

Open listening

At the touch of a key, all those present in a room can listen in to a phone call via an integrated loudspeaker. See also "Handsfree".

P

PIN

Abbreviation for Personal Identification Number. Protects against unauthorised use, e.g., system PIN, answering machine PIN, handset PIN.

Plugging to bus

TP, Terminal Portability. Also called parking. An incoming call can be held at the local exchange for up to three minutes to then be accepted, for example, by another phone, a fax machine or a PC. In the meanwhile the caller hears an appropriate announcement.

Pre-dialling, see also "Block dialling"

For some telephones with a display you can enter the phone number first, and check it once more before dialling.

R

Repeater

A repeater increases the range of a handset connected to a base station. The device receives the radio signal from the base station and broadcasts it further.

S

S0 Bus

Four-wire ISDN connection wiring. This provides two B channels and one D channel.

T

Three-party conference

3PTY, three-party. Interconnection with two external users (ISDN or analogue network customers).

Toggling

Toggling allows you to switch between two external callers without allowing the waiting caller to listen in.

TP

Terminal Portability, see "Plugging to bus"

W

Withhold own number (CLIR)

Stops your personal phone number being transferred.

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